

11/16/93 This is a #22
CONTROLLED DOCUMENT
EG&G - ROCKY FLATS PLANT
ENVIRONMENTAL MANAGEMENT

This is a RED Stamp

**ROCKY FLATS PLANT
EMD OPERATING
PROCEDURES MANUAL**

Manual No.: 5-21000-OPS-GT
Procedure No.: Table of Contents, Rev 33
Page: 1 of 3
Effective Date: 01/18/93
Organization: Environmental Management

**THIS IS ONE VOLUME OF A SIX VOLUME SET
WHICH INCLUDES:**

VOLUME I: FIELD OPERATIONS (FO)
VOLUME II: GROUNDWATER (GW)
VOLUME III: GEOTECHNICAL (GT)
VOLUME IV: SURFACE WATER (SW)
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DCN 92.01	Specialized Logging Form	2	11/13/92
*DCN 93.01	Logging	2	01/15/93
GT.02	Drilling and Sampling Using Hollow Stem Auger Techniques	2	05/12/92
DCN 92.01	Superseded by DCN 92.03	2	07/27/92
DCN 92.02	Superseded by DCN 92.03	2	07/27/92
DCN 92.03	Addition of the Drum Characterization	2	07/27/92
DCN 92.04	Prevention of Down Hole Contamination	2	08/26/92
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GT.05	Plugging and Abandonment of Boreholes	2	05/12/92
DCN 92.01	Field Modification	2	12/09/92

ADMINISTRATIVE

DOCUMENT CLASSIFICATION REVIEW WAIVER
PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991

A-SW-001118

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GT.06	Monitoring Wells and Piezometer Installation	2	05/12/92
DCN 92.05	Schematic Diagram Land Fill Methane Wells	2	06/04/92
DCN 92.06	Field Modification	2	11/12/92
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DCN 93.01	Borehole Advancement	2	01/04/93
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GT.08	Surface Soil Sampling	2	05/12/92
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DCN 92.02	Consistency Change	2	10/12/92
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GT.09	Soil Gas Sampling and Field Analysis	2	05/12/92
GT.10	Borehole Clearing	2	05/12/92
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GT.21	Cone Penetrometer Testing	1	05/12/92
*DCN 93.01	CPT Rods	1	01/15/93
GT.24	Approval Process for Construction Activities on or Near Individual Hazardous Substance Sites (IHSSs)	0	05/12/92

EG&G 1/20/93 This is a #22

CONTROLLED DOCUMENT ENVIRONMENTAL MANAGEMENT
DOCUMENT CHANGE NOTICE (DCN)

EG&G - ROCKY FLATS PLANT
ENVIRONMENTAL MANAGEMENT

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Procedure Number 5-21000-OPS-GT.21, Rev. 1

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Title	Cone Penetrometer Testing	Date	1-15-93 1-11-92 EMB	DCN Number	5-21000-93.01
Expires	1-11-93 1-15-94	Procedure Revision Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Scope Limitation	The scope is limited to landfill investigations within OUs 5 and 7				

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
1	10 of 13	9	Add: As the rods are withdrawn, the hole will be sealed with bentonite pellets. The bentonite pellets will be pumped into the hole through the CPT rods.

Justification (Reason for Change - Provide Numbers To Reference Corresponding Items Above)

1. CPT rods can be deconned in the field if pellets are used, minimizing the potential for spread of contamination between CPT sites and the Decon Pad.

2. Bentonite pellets provide a better seal than grout, further minimizing the potential for cross contamination between strata.

3. Field operations will be more efficient.

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>[Signature]</i>	QAPM	X	1/13/93	<i>[Signature]</i>	User	X	1/11/93
<i>[Signature]</i>	EOM	X	1-11-93	<i>[Signature]</i>	User		11-5-93
				<i>[Signature]</i>	EOM	X	1/11/93

Approval of Responsible Manager	Date	Is Posting Req'd? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, By What Date? upon receipt	Date Posted
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